

COPY OF PAPERS  
ORIGINALLY FILED

RECEIVED

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 06-0033  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Applicati n Numbr	10/068,040	TECH CENTER 1600/2900
Filing Date	02/05/2002	
First Named Inventor	Christopher Feistel	
Group Art Unit	1641	
Examiner Name	Unknown	
Total Number of Pages in This Submission	10	Attorney Docket Number FEIST-001BG

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>SEE BELOW</b>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 IN DUPLICATE; CERTIFICATE OF MAILING AND RETURN RECEIPT POSTCARD

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MATTHEW A. NEWBOLES STETINA BRUNDA GARRED & BRUCKER
Signature	
Date	4/23/02

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 4-23-02

Typed or printed name	LINDA PECCHIA		
Signature		Date	4-23-02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



COPY OF PAPERS  
RIGINALLY FILED

ATTORNEY DOCKET:  
FEIST-001BG  
Serial No. 10/068,040  
Filed: 02/05/2002

Certificate of Mailing under 37 CFR 1.8 or 37 CFR 1.10

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, Express Mail No. \_\_\_\_\_ addressed to:

ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATION  
WASHINGTON, D.C. 20031

on <sup>23</sup>APRIL 17, 2002  
(Date)

  
Signature

LINDA PECCHIA

Typed or printed name of person signing Certificate

RECEIVED  
MAY 09 2002  
TECH CENTER 1600/2900

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. INFORMATION DISCLOSURE STATEMENT (2 pages)
2. PTO TRANSMITTAL FORM (1 page)
3. FORM PTO-1449 in duplicate (3 pages)
4. CERTIFICATE OF MAILING
5. RETURN RECEIPT POSTCARD

Case: FEIST-001BG



COPY OF PAPERS  
ORIGINALLY FILED

16A1  
#2  
**RECEIVED**

MAY 09 2002

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	CHRISTOPHER FEISTEL	)	
		)	Art Unit: 1641
Serial No.:	10/068,040	)	
		)	Examiner: Unknown
Filed:	02/05/2002	)	
		)	
For:	SYSTEMS AND METHODS	)	
	FOR PERFORMING	)	
	M A G N E T I C	)	
	CHROMATOGRAPHY	)	
	ASSAYS	)	

---

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. SECTION 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form PTO/SB/1449 enclosed herewith in duplicate. Copies of all disclosure documents marked with an "\*" were previously provided by Applicant or were otherwise made of record during prosecution of divisional U.S. Patent application Serial No. 09/668,966 filed September 25, 2000 which is a continuation-in-part of 09/418,864 filed October 15, 1999, and now issued as United States Patent No. 6,136,549 on October 24, 2000.

No representation is made that the references disclosed herein legally constitute prior art,

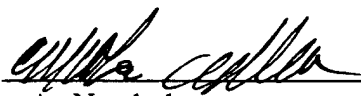
or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/1449) are printed in the English language and/or accompanied by an Abstract published in the English language.

The references listed herein, when taken alone or in combination are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If a fee is required, please charge Account Number 19-4330.

Respectfully submitted,

Dated: 4/23/02  
Customer No. 007663

By:   
Matthew A. Newboles  
Registration No. 36,224  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246

FORM PTO-1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. FEIST-0018G

SERIAL NO. 10/068,040

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT CHRISTOPHER FEISTEL

(37 CFR 1.98(b))

Use additional sheets if necessary

FILING DATE 02/05/2002

GROUP 1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 7 5 0 3 3 3	05/12/98	CLARK	435	5	
	7 1 2 1 7 0	01/27/98	KOUVONEN ET AL.	436	518	
	5 6 5 8 7 2 3	08/19/97	OBERHARDT	435	4	
	5 2 5 2 4 5 9	10/12/93	TARCH ET AL.	435	6	
	5 8 7 9 5 4 9	03/09/99	CAIOZZA	210	186	
	4 5 7 8 7 1 6	03/25/86	VANRIJCKEVORSEL ET AL.	360	1	
	5 8 7 6 9 3 5	03/02/99	PANKRATZ ET AL.	435	6	
	5 0 3 5 8 6 2	07/30/91	DIETZE ET AL.	422	68.1	
	5 7 9 5 7 8 4	08/18/98	ARNQUIST ET AL.	436	50	
	4 7 1 0 4 7 2	12/01/87	SAUR ET AL.	435	287	
	5 5 0 8 1 6 4	04/16/96	KAUSCH ET AL.	435	6	
	5 8 0 0 9 9 4	09/01/98	MARTINELL ET AL.	435	6	

RECEIVED

MAY 09 2002

TECH CENTER 1600/29C

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

	CARLBERG, DAVID L.: LATERAL-FLOW ASSAYS; DESIGNING FOR AUTOMATION, MAY/JUNE 1999; PGS. 48-55; IVD TECHNOLOGY

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Matthew A. Newboles  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246COPY OF PAPERS  
ORIGINALLY FILED

<b>FORM PTO-1449</b> (Modified)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO. FEIST-00195</b>	<b>SERIAL NO. 10/068,040</b>
		<b>APPLICANT CHRISTOPHER FEISTEL</b>	
		<b>FILING DATE 02/05/2002</b>	<b>GROUP 1641</b>

(37 DFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 6 4 3 7 2 2	07/01/97	ROTHSCHILD ET AL.	435	6	
	5 6 1 2 2 2 2	03/18/97	GORDON ET AL.	436	5	
	4 4 1 0 6 6 0	10/18/83	STRAUS	525	54.1	
	5 9 2 5 5 7 3	07/20/99	COLIN ET AL.	436	525	
	5 9 2 2 5 3 7	07/13/99	EWART ET AL.	435	6	
	5 8 8 8 7 4 8	03/30/99	CRABB ET AL.	435	7.3	
	5 8 8 2 8 6 3	03/16/99	IMAI ET AL.	435	6	
	5 8 5 6 0 9 2	01/05/99	DALE ET AL.	435	6	
	5 8 1 7 4 5 8	OCT. 1998	KING ET AL.			
	5 8 2 1 0 7 3	OCT. 1998	LEE			
	5 3 8 4 2 6 4	JAN. 1995	CHEN ET AL.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

FOREIGN PATENT OFFICE COUNTRY OR PATENT OFFICE														
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION									
					YES	NO								

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Matthew A. Newboles  
 STETINA BRUNDA GARRED & BRUCKER  
 75 Enterprise, Suite 250  
 Aliso Viejo, CA 92656  
 (949) 855-1248

IDS1449.PTO

COPY OF PAPERS  
 ORIGINALLY FILED

<b>FORM PTO-1449</b> (Modified)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DOCKET NO. FEIST-00</b>	<b>SERIAL NO. 10/068,040</b>
		<b>APPLICANT CHRISTOPHER FEISTEL</b>	
		<b>FILING DATE 02/05/2002</b>	<b>GROUP 1641</b>

(37 DFR 1.98(b))

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	7	3	1	3	3	7	MAR. 1988	LUOTOLA ET AL.			
		4	7	7	7	1	4	5	OCT. 1988	LUOTOLA ET AL.			
		5	8	7	4	2	1	6	FEB. 1999	MAPES			
		5	0	7	5	0	7	8	DEC. 1991	OSIKOWICZ ET AL.			
		5	9	6	5	3	7	5	OCT. 1999	VLKIRS			
		5	7	7	0	3	8	8	JUNE 1998	VORPAHL			
		5	2	3	8	8	1	1	AUG. 1993	FUJIWARA ET AL.			
		4	9	3	5	1	4	7	JUNE 1990	ULLMAN ET AL.			

RECEIVED

MAY 09 2002

TECH CENTER 1600/2900

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Matthew A. Newboles  
 STETINA BRUNDA GARRED & BRUCKER  
 75 Enterprise, Suite 250  
 Aliso Viejo, CA 92656  
 (949) 855-1246

IDS1449.PTO

COPY OF PAPERS  
 ORIGINALLY FILED

FORM PTO-1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. FEIST-001BG

SERIAL NO. 10/068,040

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT CHRISTOPHER FEISTEL

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE 02/05/2002

GROUP 1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 7 5 0 3 3 3	05/12/98	CLARK	435	5	
	5 7 1 2 1 7 0	01/27/98	KOUVONEN ET AL.	436	518	
	5 6 5 8 7 2 3	08/19/97	OBERHARDT	435	4	
	5 2 5 2 4 5 9	10/12/93	TARCH ET AL.	435	6	
	5 8 7 9 5 4 9	03/09/99	CAIOZZA	210	186	
	4 5 7 8 7 1 6	03/25/86	VANRIJCKEVORSEL ET AL.	360	1	
	5 8 7 6 9 3 5	03/02/99	PANKRATZ ET AL.	435	6	
	5 0 3 5 8 6 2	07/30/91	DIETZE ET AL.	422	68.1	
	5 7 9 5 7 8 4	08/18/98	ARNQUIST ET AL.	436	50	
	4 7 1 0 4 7 2	12/01/87	SAUR ET AL.	435	287	
	5 5 0 8 1 6 4	04/16/96	KAUSCH ET AL.	435	6	
	5 8 0 0 9 9 4	09/01/98	MARTINELL ET AL.	435	6	

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*)

	CARLBERG, DAVID L.; LATERAL-FLOW ASSAYS; DESIGNING FOR AUTOMATION, MAY/JUNE 1999; PGS. 48-55; IVD TECHNOLOGY

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Matthew A Newboles  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246

COPY OF PAPERS  
ORIGINALLY FILED



FORM PTO-1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. FEIST-0018G

SERIAL NO. 10/068,940

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANT CHRISTOPHER FEISTEL

(37 DFR 1.98(b))

(Use several sheets if necessary)

FILING DATE 02/05/2002

GROUP 1641

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	6	4	3	7	2	2		07/01/97	ROTHSCHILD ET AL.	435	6	
	5	6	1	2	2	2	2		03/18/97	GORDON ET AL.	436	5	
	4	4	1	0	6	6	0		10/18/83	STRAUS	525	54.1	
	5	9	2	5	5	7	3		07/20/99	COLIN ET AL.	436	525	
	5	9	2	2	5	3	7		07/13/99	EWART ET AL.	435	6	
	5	8	8	8	7	4	8		03/30/99	CRABB ET AL.	435	7.3	
	5	8	8	2	8	6	3		03/16/99	IMAI ET AL.	435	6	
	5	8	5	6	0	9	2		01/05/99	DALE ET AL.	435	6	
	5	8	1	7	4	5	8		OCT. 1998	KING ET AL.			
	5	8	2	1	0	7	3		OCT. 1998	LEE			
	5	3	8	4	2	6	4		JAN. 1995	CHEN ET AL.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER								PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Matthew A. Newboles  
 STETINA BRUNDA GARRED & BRUCKER  
 75 Enterprise, Suite 250  
 Aliso Viejo, CA 92656  
 (949) 855-1246

IDS1449.PTO

COPY OF PAPERS  
 ORIGINALLY FILED

<b>FORM PTO-1449</b> (Modified)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO. FEIST-00</b>	<b>SERIAL NO. 10/068,040</b>
		<b>APPLICANT CHRISTOPHER FEISTEL</b>	
		<b>FILING DATE 02/05/2002</b>	<b>GROUP 1641</b>

(37 DFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	7	3	1	3	3	7		MAR. 1988	LUOTOLA ET AL.			
	4	7	7	7	1	4	5		OCT. 1988	LUOTOLA ET AL.			
	5	8	7	4	2	1	6		FEB. 1999	MAPES			
	5	0	7	5	0	7	8		DEC. 1991	OSIKOWICZ ET AL.			
	5	9	6	5	3	7	5		OCT. 1999	VLKIRS			
	5	7	7	0	3	8	8		JUNE 1998	VORPAHL			
	5	2	3	8	8	1	1		AUG. 1993	FUJIWARA ET AL.			
	4	9	3	5	1	4	7		JUNE 1990	ULLMAN ET AL.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER								PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Matthew A. Newboles  
 STETINA BRUNDA GARRED & BRUCKER  
 75 Enterprise, Suite 250  
 Aliso Viejo, CA 92656  
 (949) 855-1246

IDS1449.PTO

COPY OF PAPERS  
 ORIGINALLY FILED